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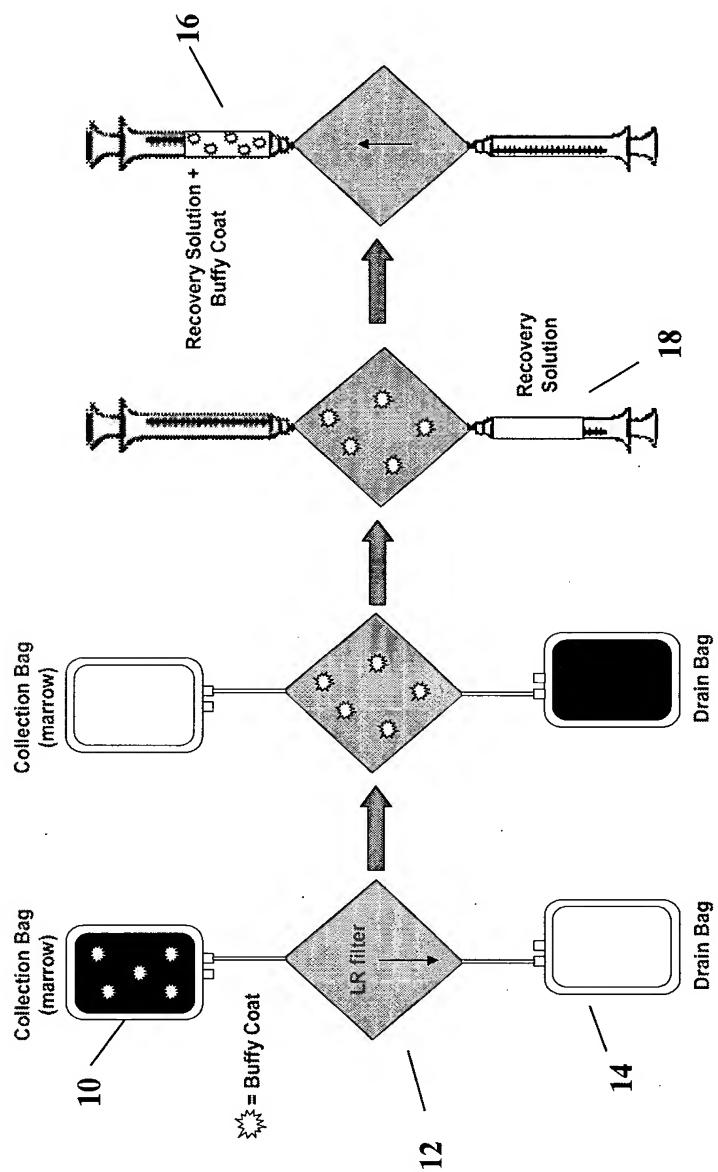


FIG. 1

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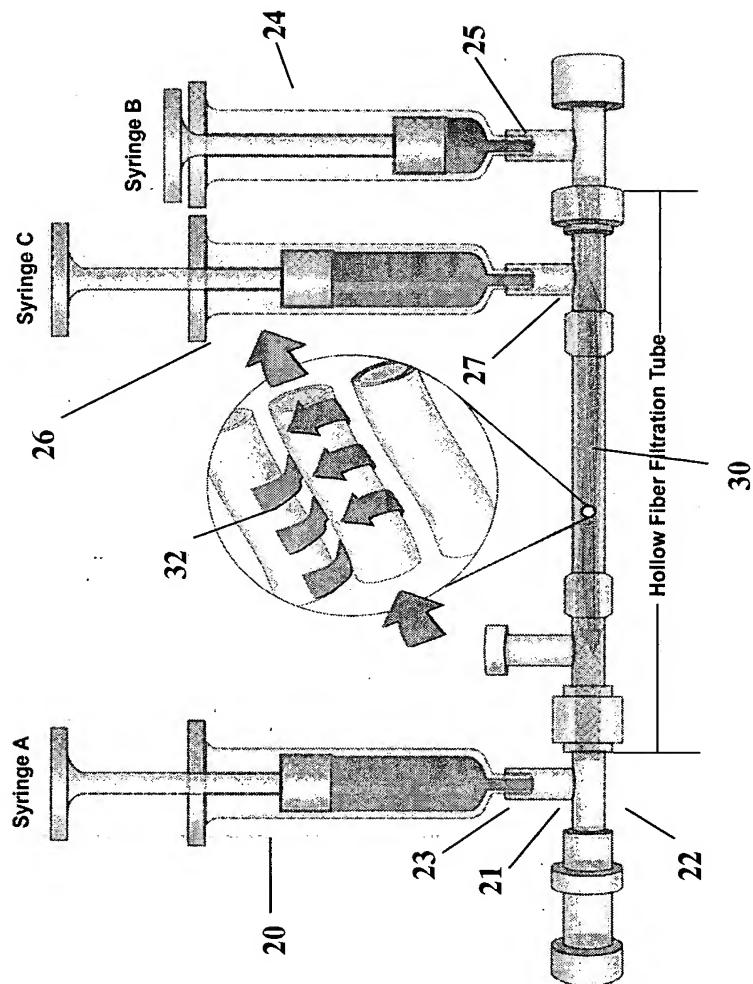


FIG. 2

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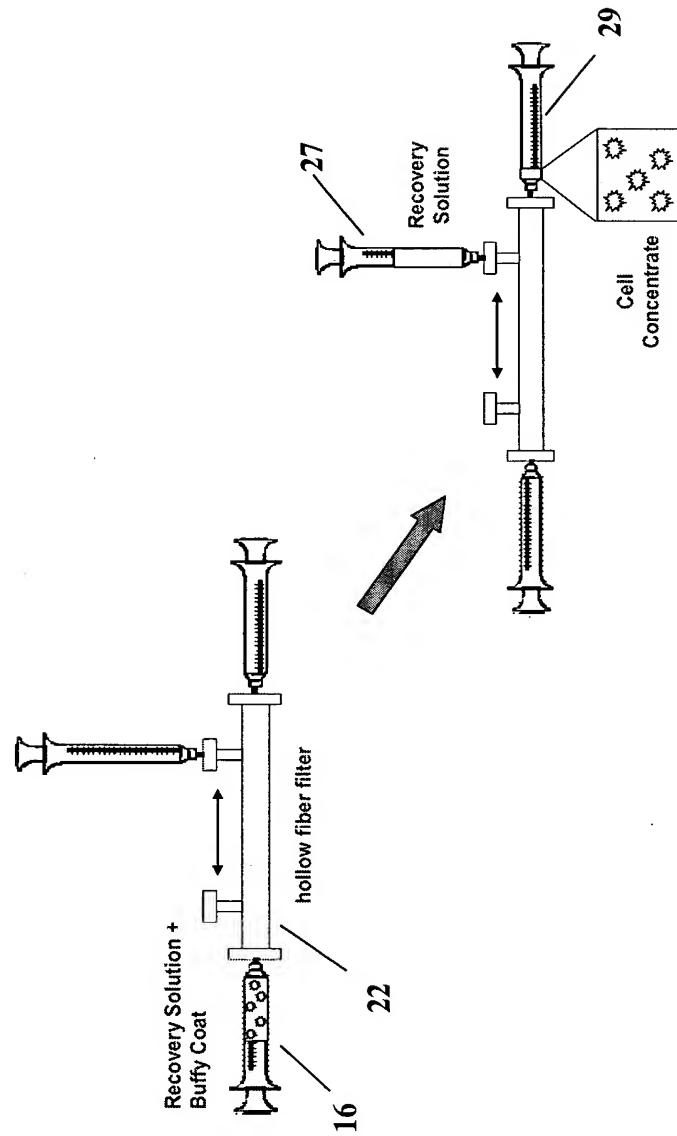
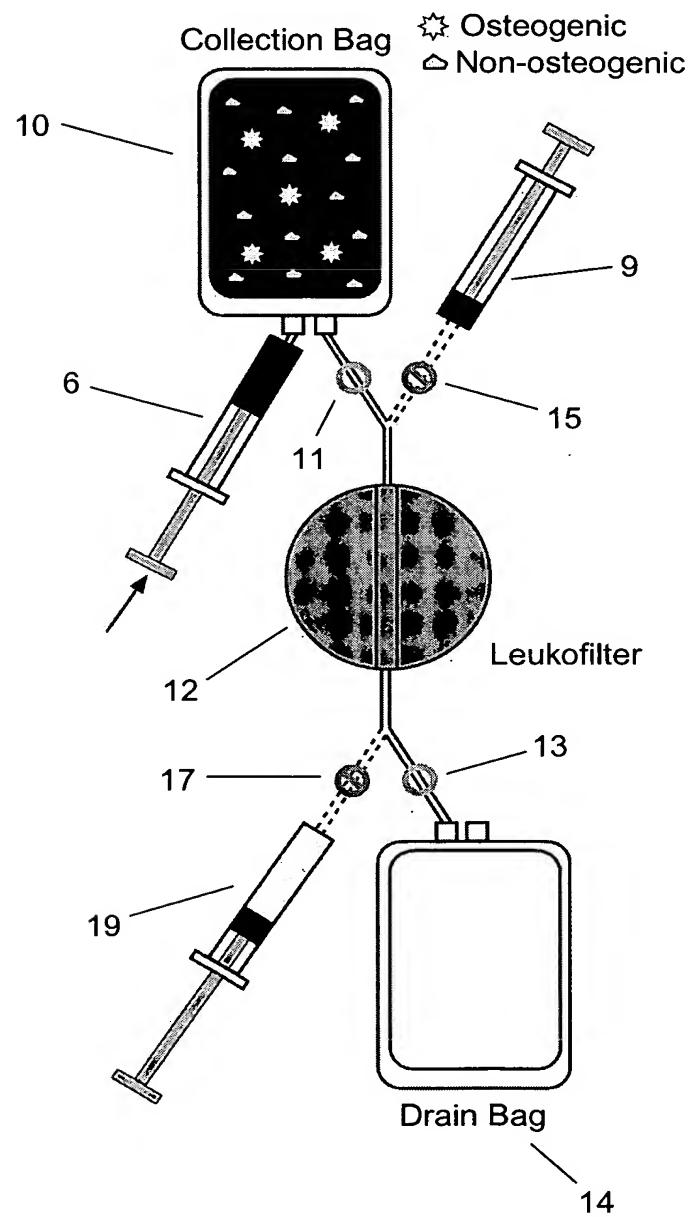


FIG. 3

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**Fill****A**Inject physiological solution diluted with  
anticoagulant into collection bag.**FIG. 4**

B

## Filter

Gravity feed physiological solution through filter.

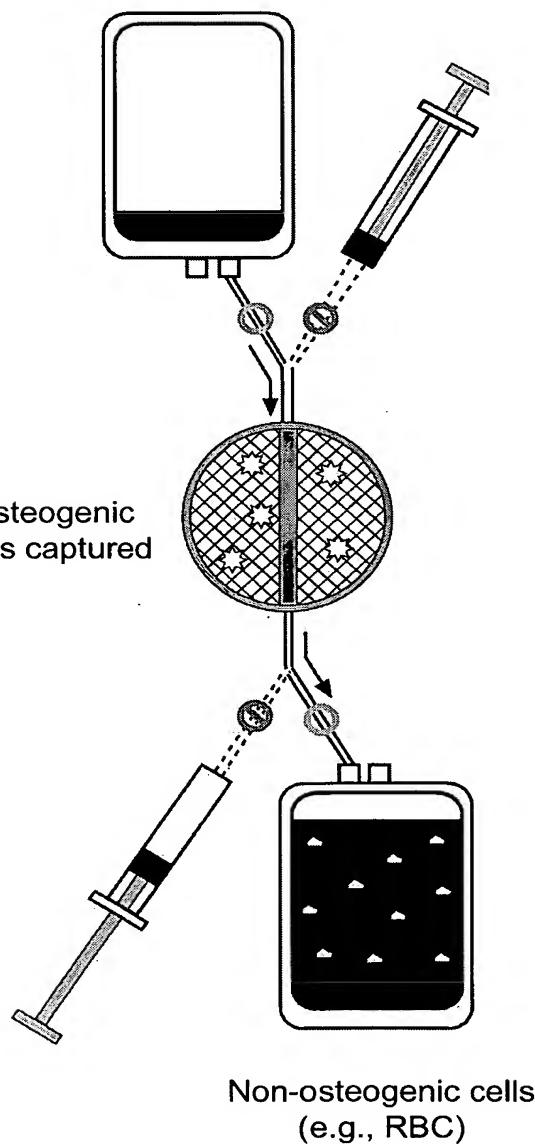
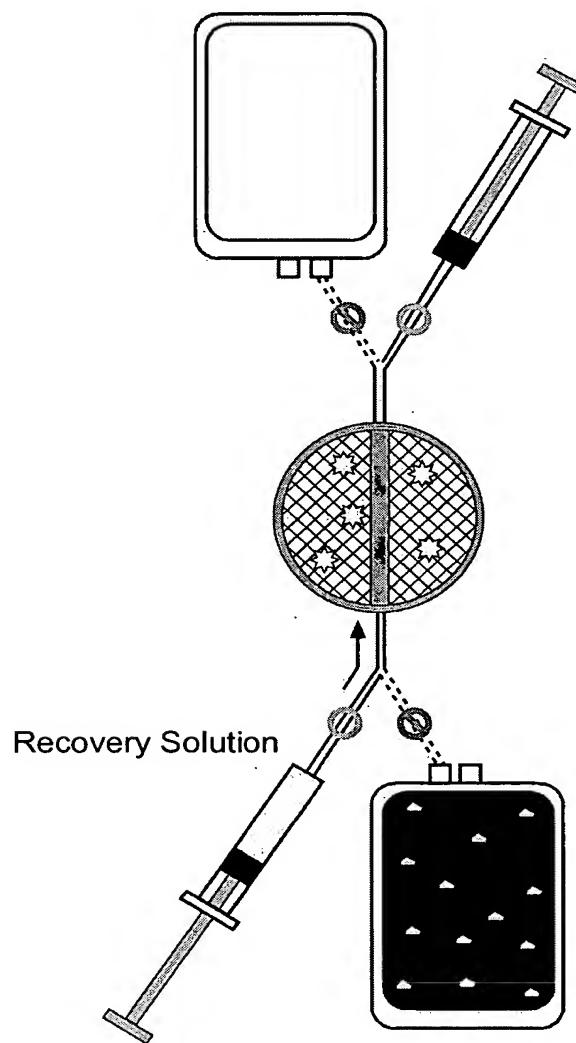


FIG. 4

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**C****Back-flush**

Close valves to collection and drain bags. Open valves to syringes.

**FIG. 4**

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**D****Recover**

Backflush osteogenic cells from filter.

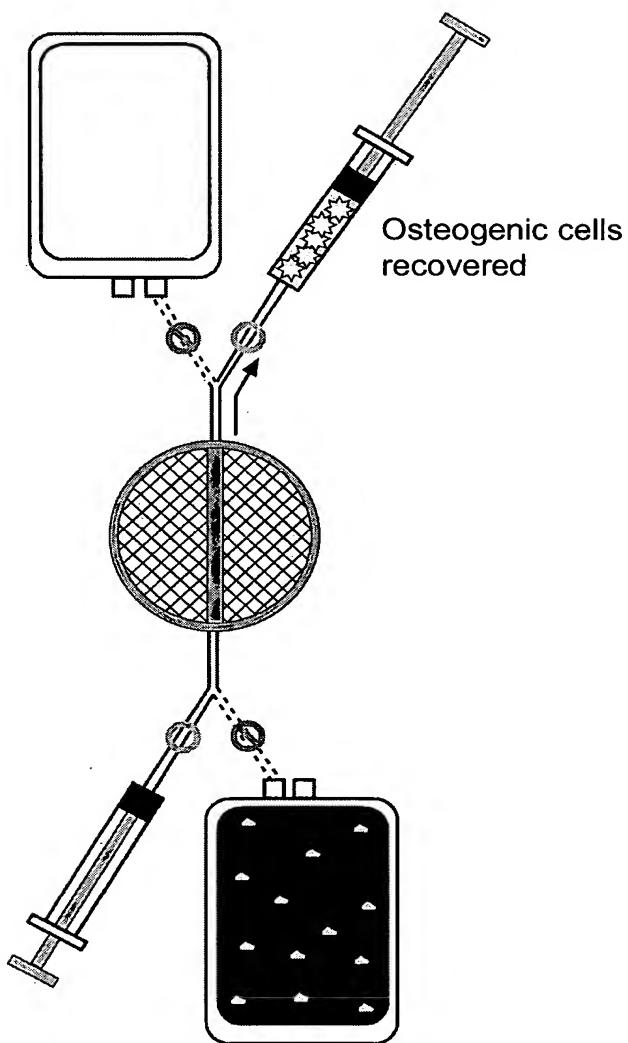


FIG. 4

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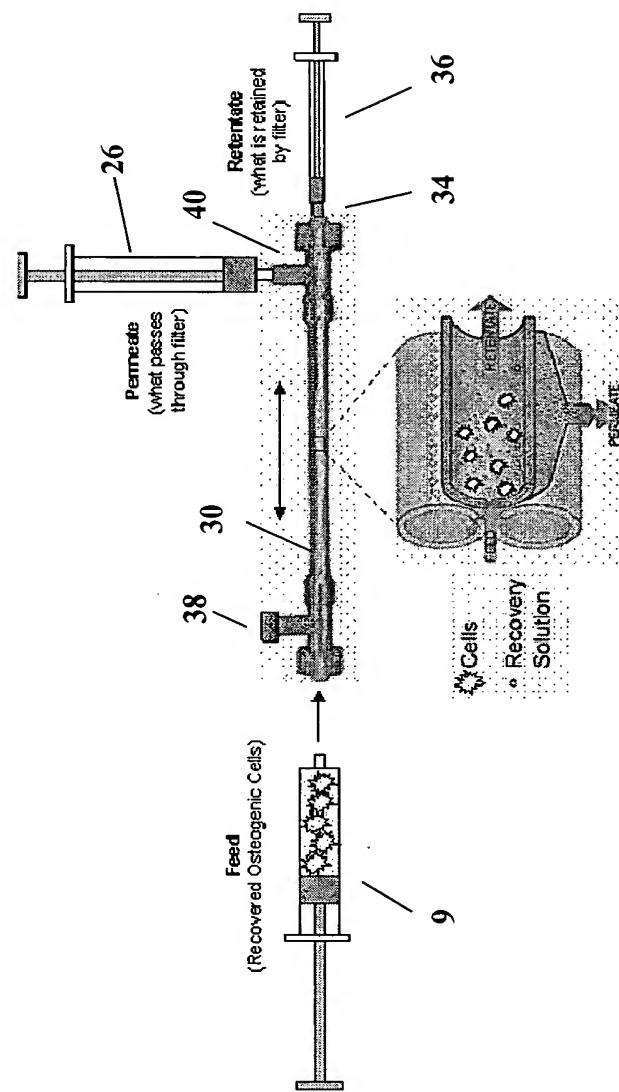


FIG. 5

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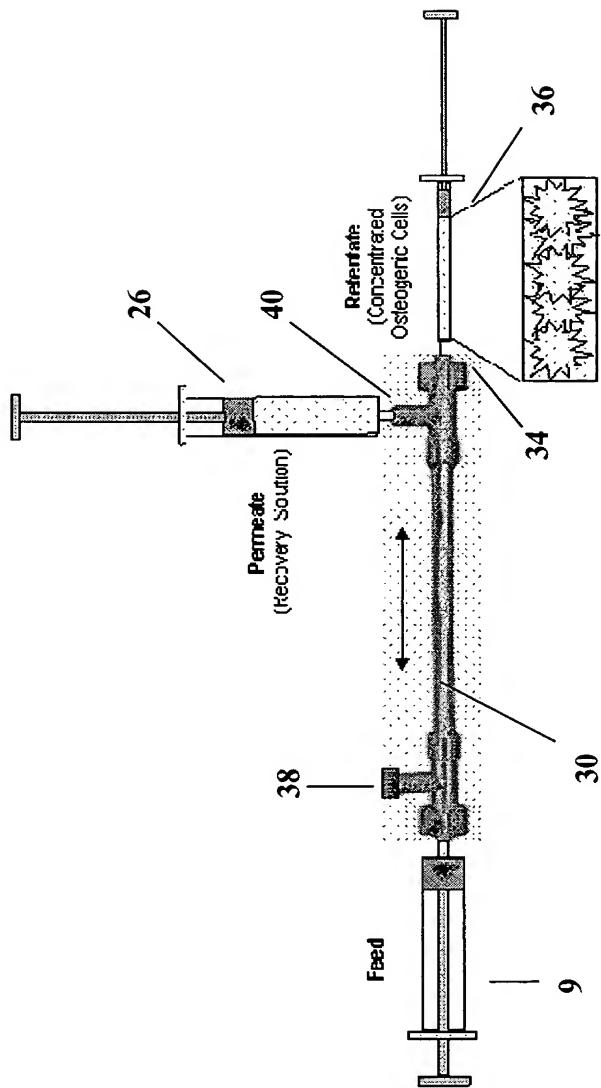


FIG. 6

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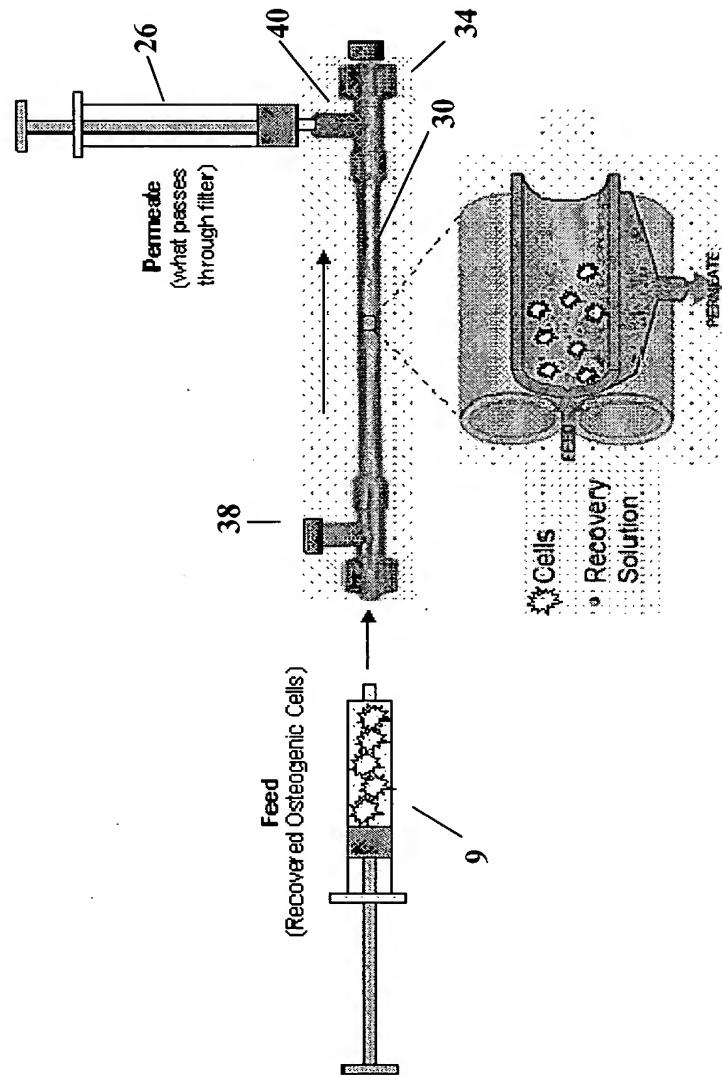


FIG. 7

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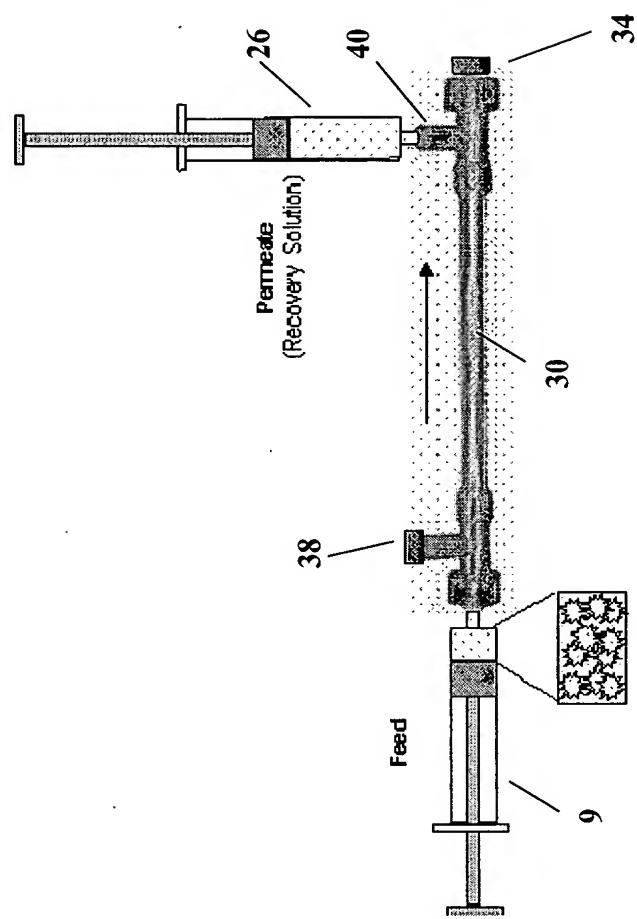
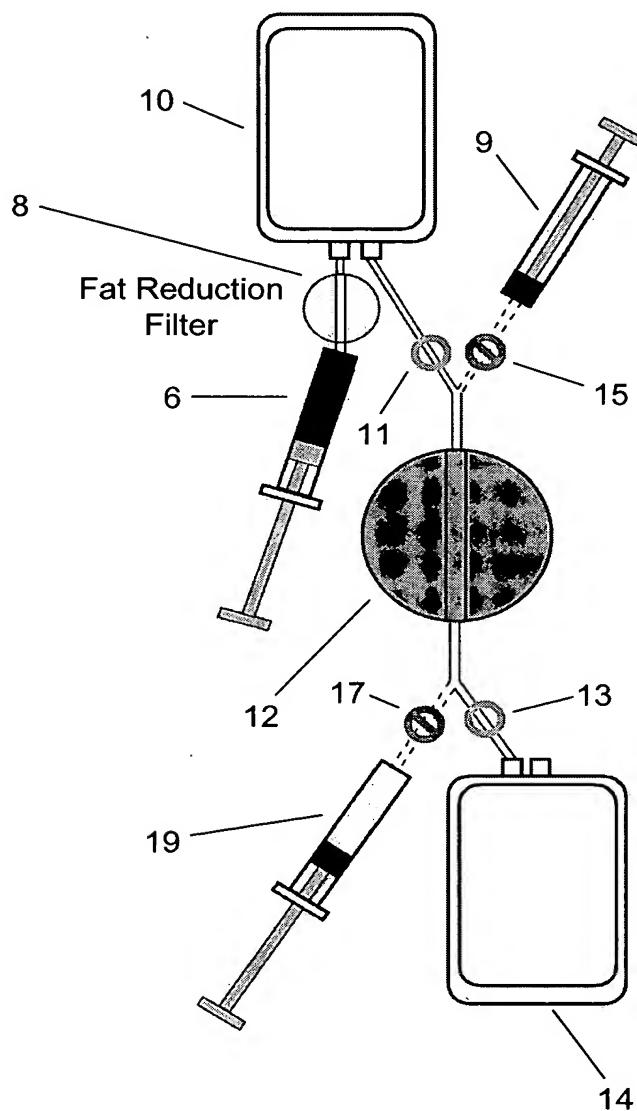


FIG. 8

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**A****Attach**Attach syringe filled with physiological  
solution to a fat reduction filter.**FIG. 9**

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**B**

**Fill**  
Inject physiological solution through fat reduction filter into collection bag.

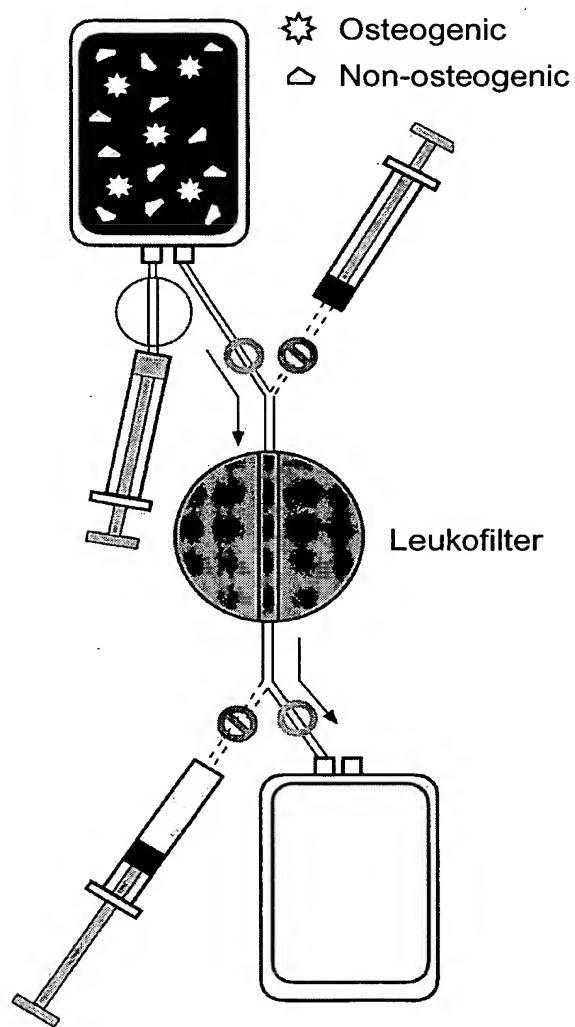


FIG. 9

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C

**Filter**

Gravity feed marrow through  
leukoreduction filters into drain bag.

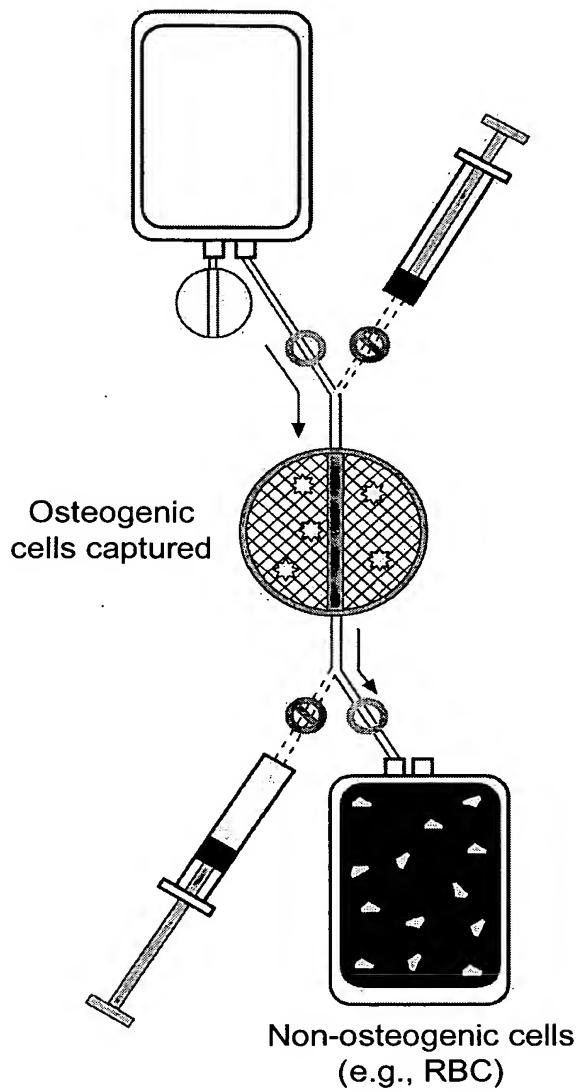
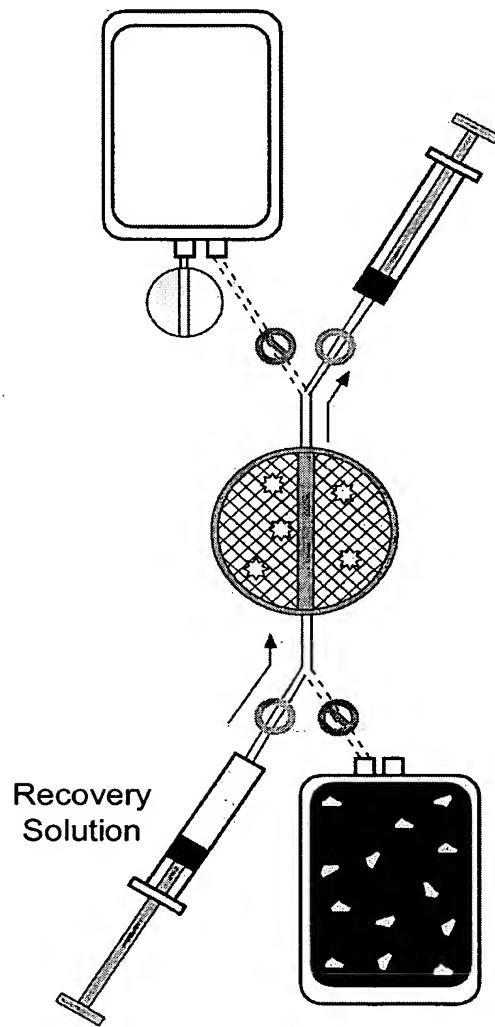


FIG. 9

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**D****Back-flush**

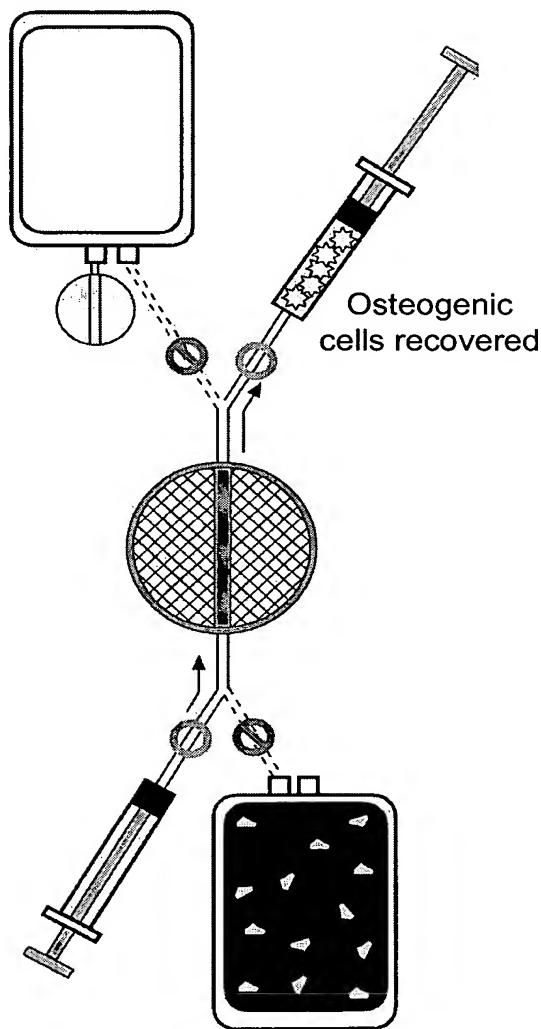
Close valves to collection and drain bag. Open valves to syringes.

**FIG. 9**

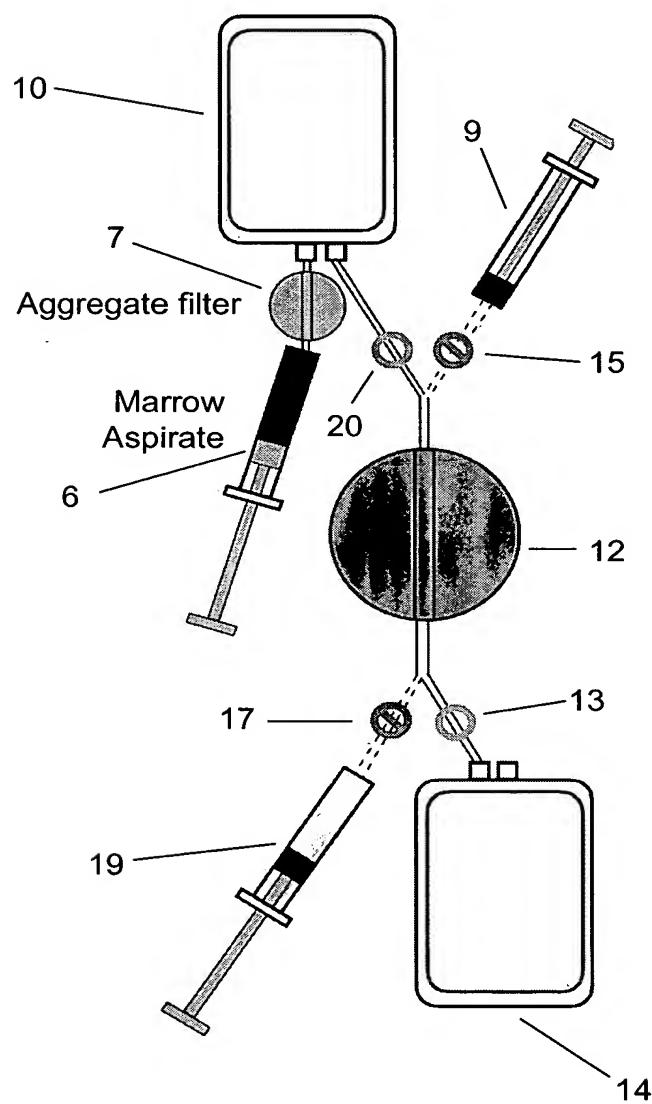
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**E****Recover**

Backflush osteogenic cells from leukoreduction filter.

**FIG. 9**

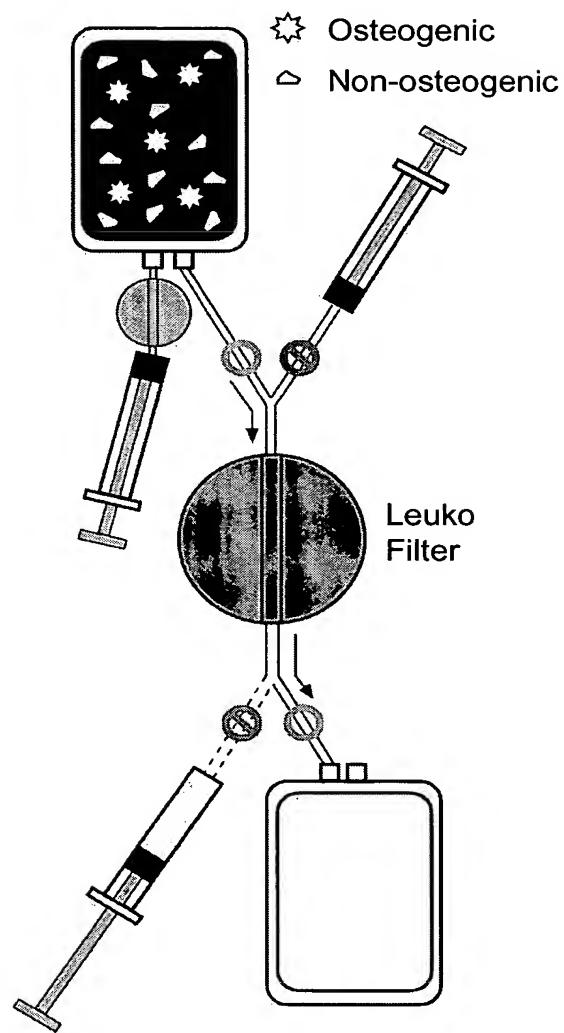
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**A****Attach**Attach syringe filled with marrow  
aspirate to an aggregate filter.**FIG. 10**

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**B****Fill**

Inject marrow aspirate through  
aggregate filter into collection bag.

**FIG. 10**

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C

**Filter**

Gravity feed marrow through aggregate and leukoreduction filters into drain bag.

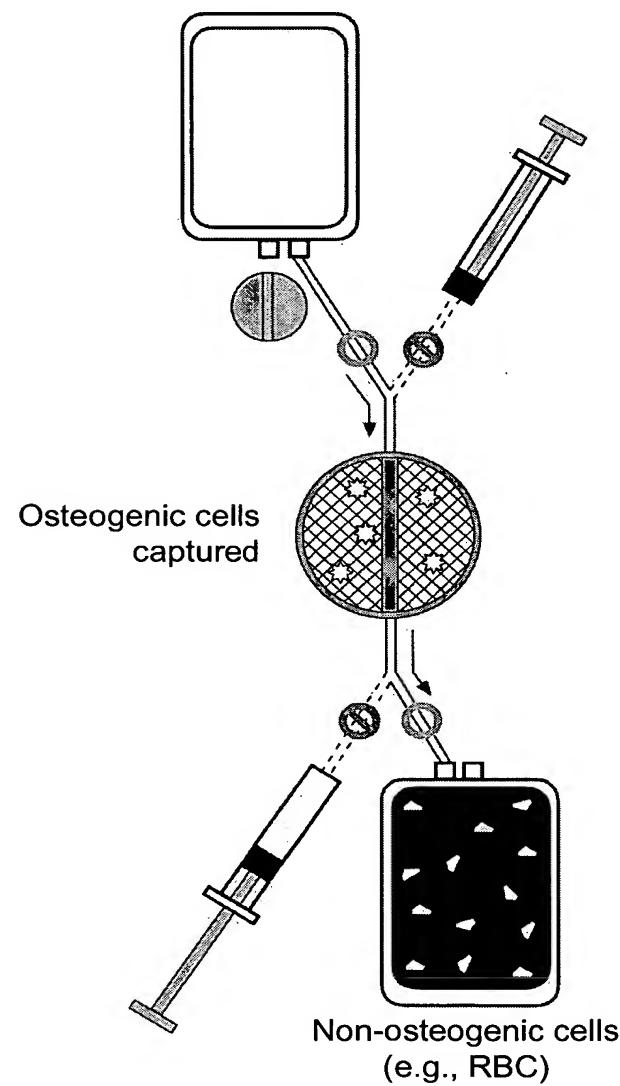
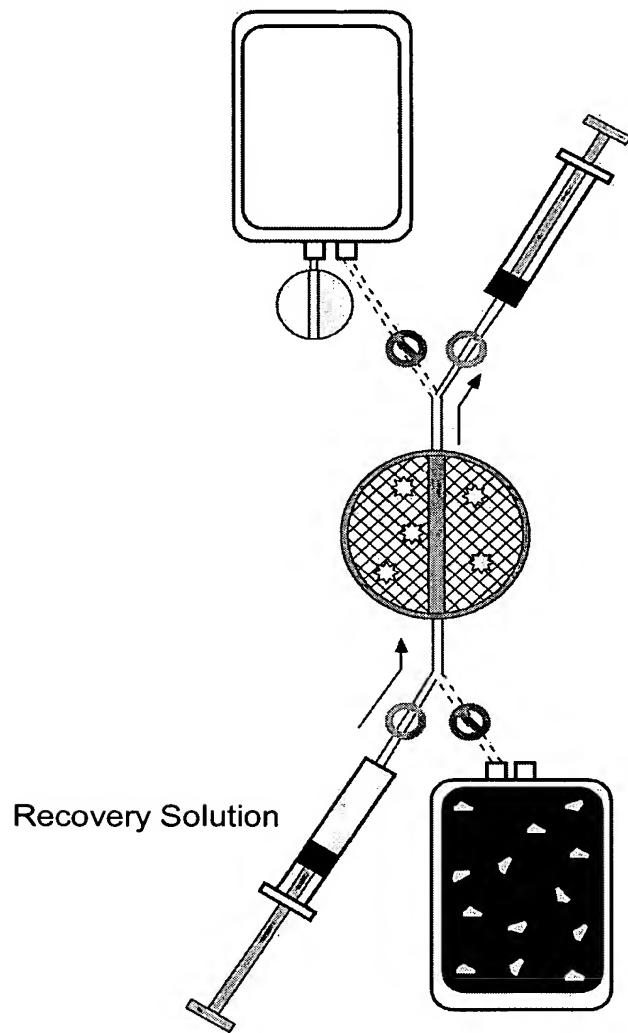


FIG. 10

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**D****Back-flush**

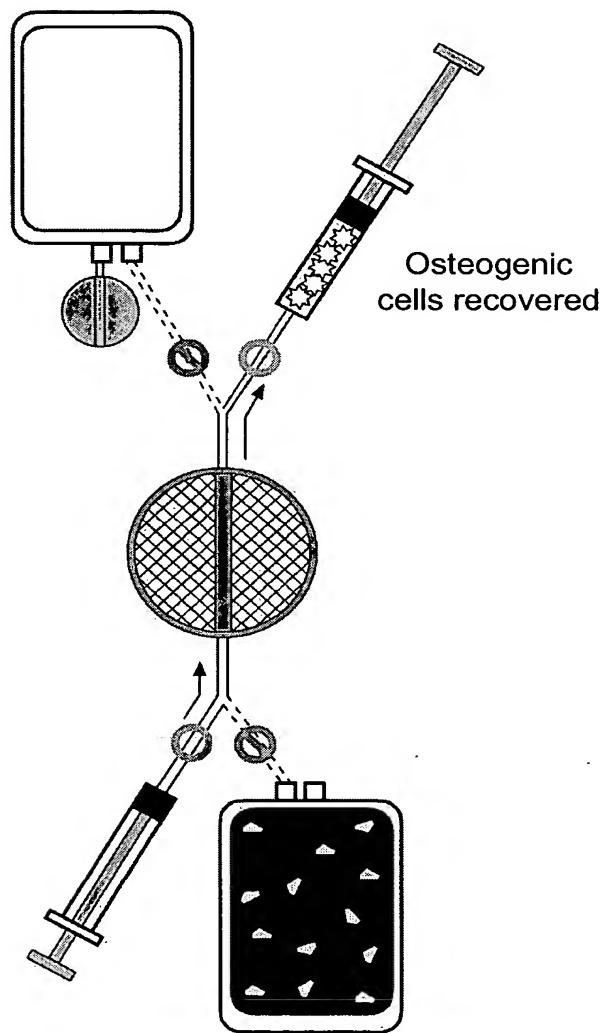
Close valves to collection and drain bag. Open valves to syringes.

**FIG. 10**

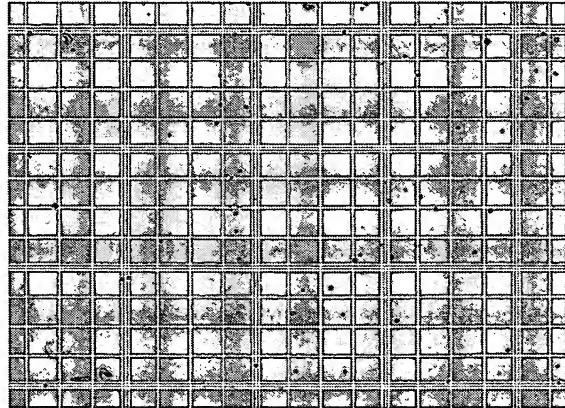
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**E****Recover**

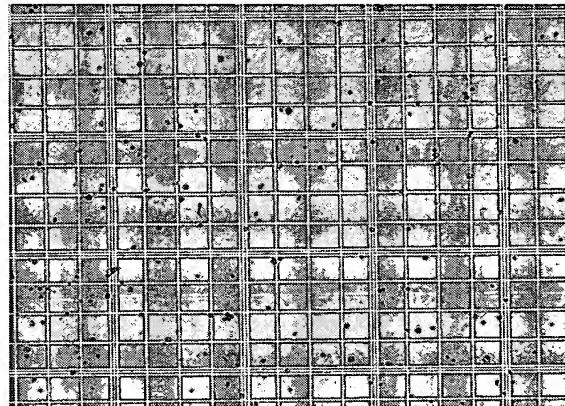
Backflush osteogenic cells from leukoreduction filter.

**FIG. 10**

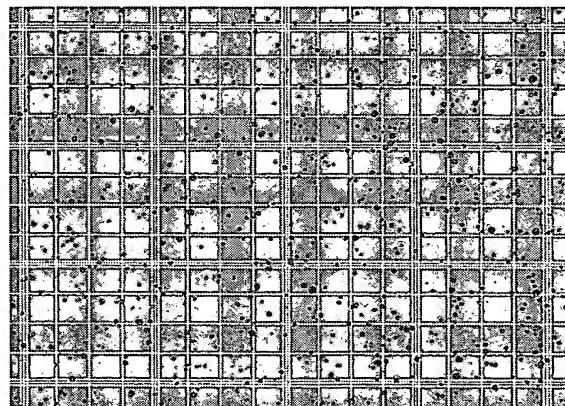
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Blood



Pre-Processed BMA



Post-Processed BMA

FIG. 11

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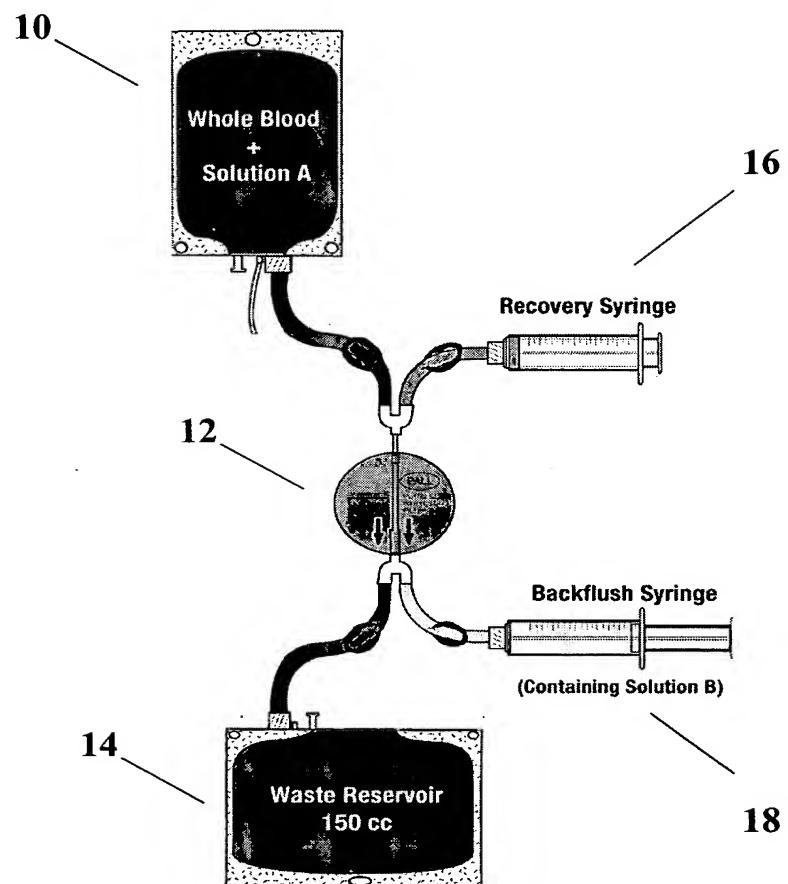


FIG. 12

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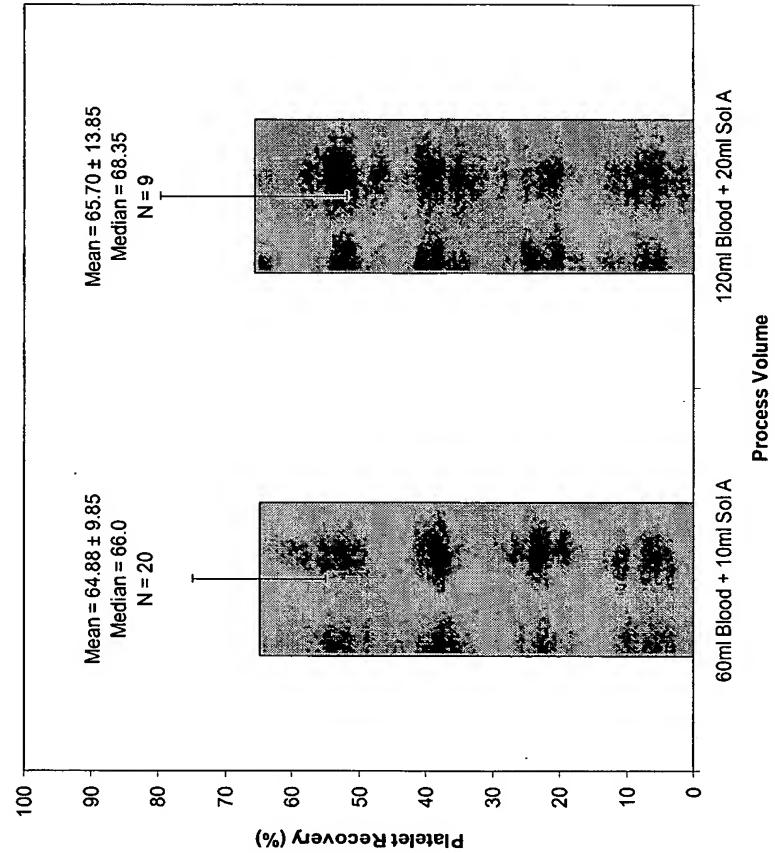


FIG. 13

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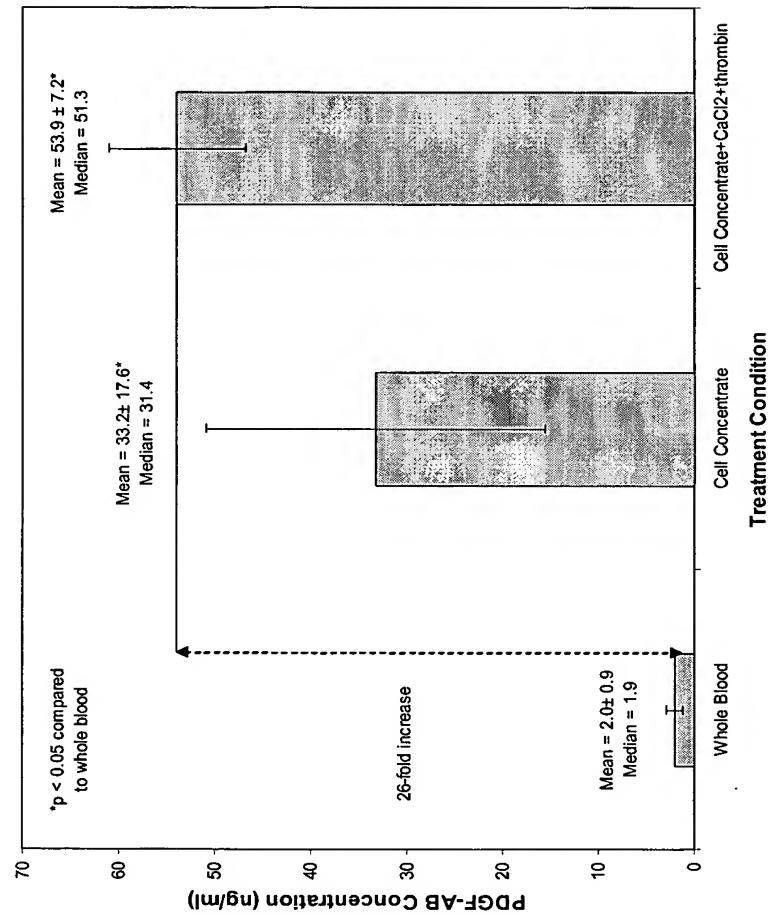


FIG. 14

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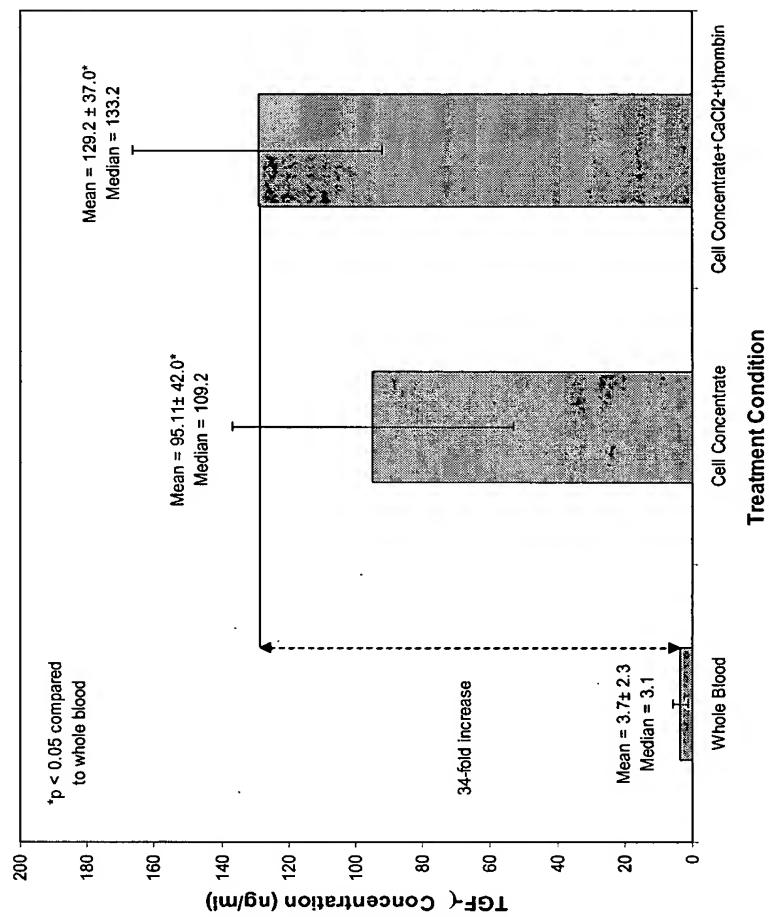


FIG. 15

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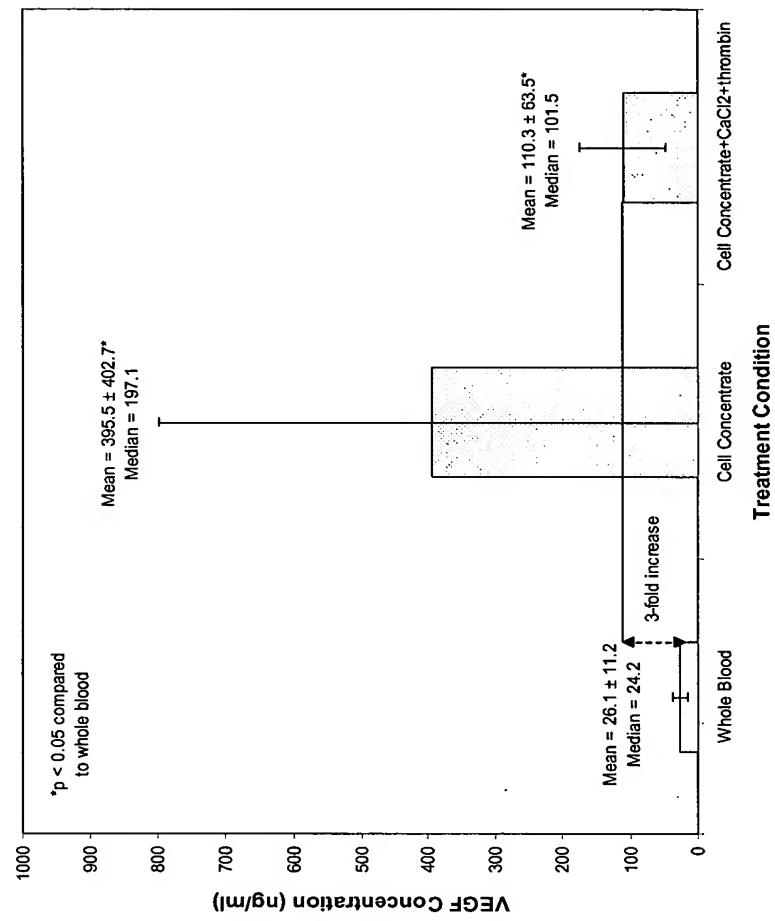


FIG. 16